

Calendar

Monday, Nov. 19
2:30 p.m.
[Particle Astrophysics Seminar](#)

- Curia II

Speaker: D. Kasen, University of California, Santa Cruz

Title: Modeling Type Ia Supernovae, from Ignition to Explosion to Emission

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting -

Curia II

Tuesday, Nov. 20
3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO

ACCELERATOR PHYSICS

AND TECHNOLOGY

SEMINAR TODAY

4 p.m.
[Special Fermilab Colloquium](#) -

One West (NOTE DATE)

Speaker: Y. Wang, Institute of High Energy Physics, Beijing

Title: From BEPC to Daya Bay

- An Introduction to Particle

Physics in China

[Click here](#) for NALCAL, a weekly calendar with links to additional information.

Weather


Cloudy 56°/45°
[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Feature

Green partnership may bloom for Fermilab, Warrenville



Roads and Grounds' Bob Lootens stands with Shawna Coronado, Warrenville Environmental Advisory Commission chairman; and Angelique Dunning, head of the local chapter of America in Bloom, during a tour of the laboratory last month.

A new partnership between Fermilab and the city of Warrenville may be blooming.

The city, which recently formed an Environmental Advisory Commission, sent representatives to tour the Fermilab site to learn more about it.

At the beginning of October, Shawna Coronado, chairman of Warrenville's EAC, and Angelique Dunning, head of the local chapter of America in Bloom, toured Fermilab with Roads and Grounds' Bob Lootens.

It was Coronado's first time visiting the laboratory, and she was struck by the beauty of the natural area so close to Warrenville. "It's so beautiful and it's right up the street from our homes," she said as Lootens took her and Dunning past Lake Law.

Although a next-door neighbor, the city of Warrenville has few recent ties to Fermilab, something that both sides hope to change. Coronado said current Mayor David Brummel's family once had a farm on site, which he remembers fondly. The former farm site was one of the tour highlights, along with areas where the annual Prairie Seed Harvests take place.

To further a partnership between the city and

Safety Tip of the Week

Holiday safety



"Freedom from want" a painting by Norman Rockwell of the Thanksgiving Holiday.

This special time of year carries with it some special hazards. As you plan your activities, keep a few precautions in mind so your memories can be good ones.

Vehicles - Avoid impairment and distractions. If you consume alcohol, wait an hour for each drink you've had before you drive. Better yet, designate a non-drinking driver. If the celebration will go on past your bed time, consider leaving early or sleeping over. If you are driving home, make sure you've got a good idea of where you're going to minimize fumbling with directions. Also, remember to watch out for other drivers.

Food - Special care is needed with a house full of people cooking unfamiliar dishes with unfamiliar utensils. Make sure to keep an eye on the range. Unattended cooking is the leading cause of home fires. Also be careful to prevent burns by being aware of hot food and utensils. Make sure to fully cook meats and poultry and thoroughly wash raw vegetables and fruits. Turkey needs to reach an internal temperature of 180 degrees F. Keep hot foods hot (140 degrees F) and cold foods cold (40 degrees F) during transport and serving. Refrigerate or freeze leftovers in covered shallow containers (less than two inches deep) within two hours after cooking. Reheated food should be hot and steamy (165 degrees F),

Monday, Nov. 19

- Wisconsin cheese
- Corned beef reuben
- Stuffed chicken breast
- Mostaccioli al forno
- Chicken oriental wrap
- pineapple
- Assorted slice pizza
- Pacific rim rice bowl

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, Nov. 21
Lunch**

- Cheese fondue
- Apple & pecan salad on field greens
- Baked pears w/bittersweet chocolate sauce

**Thursday, Nov. 22
Dinner**

- Closed

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives**Fermilab Today****Result of the Week****Safety Tip of the Week****ILC NewsLine****Info**

Fermilab Today is online at:
www.fnal.gov/today/

Send comments and suggestions to:
today@fnal.gov

Warrenville, the city has invited Fermilab ecologist Rod Walton to speak to the commission about environmentally friendly approaches and partnership opportunities.

The Environmental Advisory Commission will have a meeting on ways to go green at 7 p.m. on Nov. 20 in the Warrenville City Building. Walton, who is also a member of the Fermi Natural Areas Group, will talk about ways to make Fermilab more visitor-friendly and outreach opportunities. Coronado invites anyone else interested in learning more to attend. More information can be found on the City of Warrenville [Web site](#).

-- *Haley Bridger*

In the News**The most accurate
measurement ever made**

From *nature.com*, Nov. 14, 2007

Physicists get down to the theoretical limit of precision

A measurement has been made on a quantum system at the greatest precision theoretically possible, according to a paper published today in Nature.

The team, led by Geoff Pryde of Griffith University in Brisbane, Australia, has managed to measure the interference between two light waves as they beat slightly out of step, with a precision that is limited only by Heisenberg's uncertainty principle, the most fundamental and unavoidable source of 'fuzziness' in the quantum world.

[Read more](#)

In the News**Sloan Digital Sky Survey:
Universe of data changes face
of astronomy**

From *University of Chicago Chronicle*, Nov. 15, 2007

Two hundred and seventy two stars gave their lives for the photo spread on cosmic explosions that graced pages 80 and 81 of the March National Geographic.

Ben Dilday, University graduate student in Astronomy & Astrophysics, assembled these images of exploding stars from observations

not just warm. Also, be careful with knives and glasses, especially with wet or greasy hands.

Seasonal illnesses - Because people travel from all over to attend celebrations, the holiday season provides an opportunity to share contagious diseases. Practice good personal hygiene. Wash hands frequently. Block sneezes and coughs with the inner side of your upper arm.

[Safety Tip of the Week Archive](#)**Accelerator Update****Nov. 14-16**

- Two stores provided 32 hours and 30 minutes of luminosity
- TeV conditions separators
- MI repairs bus LCW leaks
- Pbar sets record with a 271mA stack
- Experiment T972 moves from Pbar to MINOS
- NuMI might resume taking beam on 11/17/07

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements**Have a safe day!****Best places to work survey**

On Nov. 19, you will receive a survey invitation from *Crain's* and Valtera Corporation, an independent consulting firm *Crain's* is working with to administer the Best Places to Work in Chicago survey. The survey should take you 10 to 15 minutes to complete. Please take the time to consider your experiences at Fermilab over the last year and how you feel about your job and the company. We encourage you to set aside some time to fill the survey out thoughtfully. The survey will be open until Dec. 5.

Leave sheets due today

Due to the Thanksgiving Holiday, November monthly leave sheets are due in Payroll by 10 a.m. Nov. 19.

Benefit enrollment

Your opportunity to review and change your benefits for the 2008 plan year is now through Wednesday, Nov. 28. You will find enrollment materials on the [Benefits Office Web site](#).

Representatives from Blue Cross and CIGNA will be available on Wednesday, Nov. 14, from 8 a.m. to noon and Tuesday, Nov. 20, from 1 to 5 p.m. They will be located in the Aquarium Conference Room on the 15th floor of Wilson

the Sloan Digital Sky Survey collected in 2005 and 2006. The images come in the vanguard of the SDSS II (Sloan Digital Sky Survey's Phase Two), which focuses, in part, on supernovas. During its first phase, survey astronomers invented a new way of doing astronomy by dedicating a single telescope to mapping the universe in three dimensions.

[Read more](#)

Hall.

Education Office holiday sale Dec. 4-5

The Education Office will host its annual holiday sale Dec. 4-5, from 11 a.m. to 1:30 p. m., outside One West in Wilson Hall.